

## ABSTRACT OF THE DISCLOSURE

An image processing apparatus includes extracting unit 13 generating a binary image from image data and extracting fragments having successive pixels; determining unit 14 determining whether or not an image on a page is an intended original image on the page on the basis of characteristics of the extracted fragments; and output unit 17 eliminating image data on a page containing no intended original image and outputting image data on a page containing an intended original image. The extracting unit 13 has generating unit to generating binary data from multi-valued image data. The generating unit binarizes a pixel of interest on the basis of a relative difference in density between the pixel of interest and the adjusting pixels.